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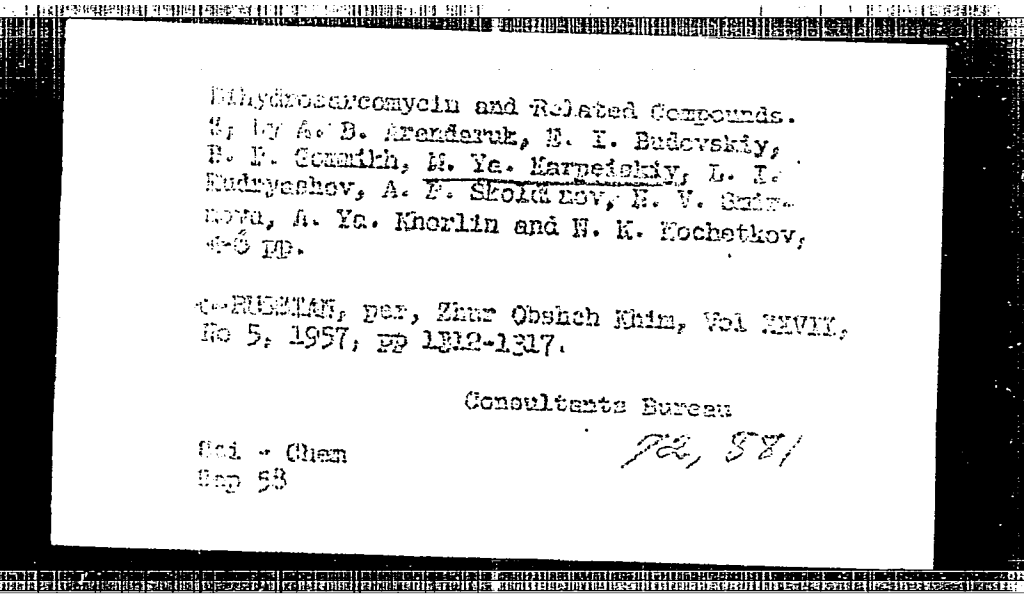

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DESCRIPTORS: *Matrix algebra, *Complex numbers, Convex sets, Number theory, Sequences, Geometry.

The range of distribution of the characteristic roots of matrices of the n-th order with non-negative elements and fixed maximum of the modulus of characteristic roots is determined. (Author)

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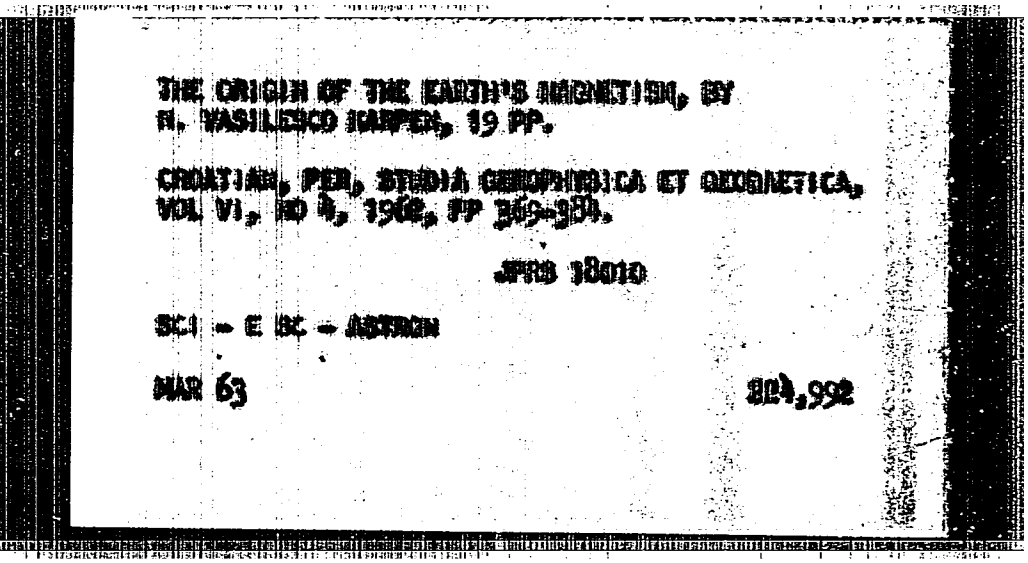

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General information is reviewed on obstacles to space flight, ways of reducing the weight of rockets, and the possibilities of using rockets with an electric motive system. Translations are included of a few of the thousands of letters that were sent to the USSR Academy of Sciences from persons from all over the world who wanted to participate in the space flights.

(Engineering--Satellite Vehicles, TT, v. 5, no. 11)

61-19315

1. Space flight--Theory
2. Satellite vehicles--USSR
I. Karpenko, A. G.
II. MCL-329/1
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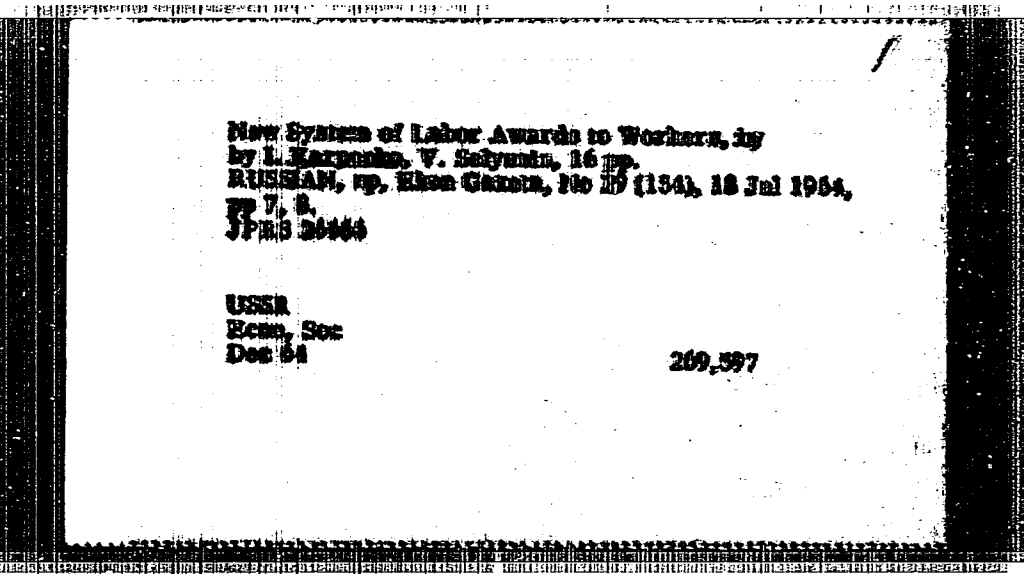

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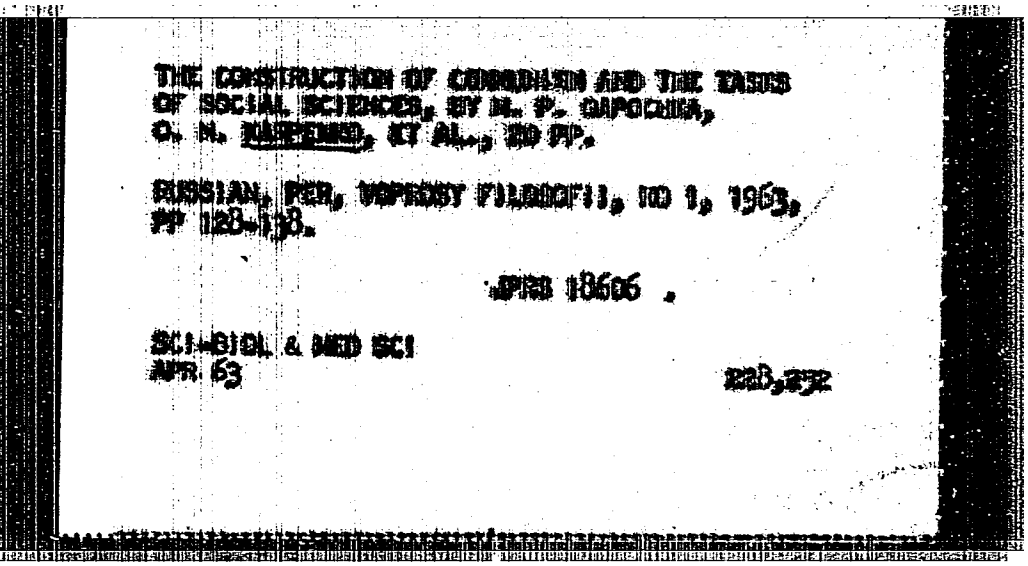

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